Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004546.D
Acq On : 03 Mar 2016 23:49
Operator : SJ/UM
Sample : H1616-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P004-SS001-01

Quant Time: Mar 04 04:33:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 04:25:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	33328	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	163465	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	98655	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	204284	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	144665	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	134507	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	1802	2.91	ng/uL	0.00
5) Phenol-d5	6.84	99	52553	19.57	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	6.93	67	24509	18.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	47817	19.97	ng/ul	0.02
13) 4-Methylphenol-d8	8.36	113	48734	20.59	ng/ul	0.04
19) Nitrobenzene-d5	8.76	128	24517	20.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	29248	20.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	52058	20.58	ng/ul	0.05
29) 4-Chloroaniline-d4	10.54	131	53064	17.05	ng/ul	0.01
44) Dimethylphthalate-d6	13.67	166	171450	20.89	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	211317	21.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	11040	9.12	ng/ul	0.14
58) Fluorene-d10	15.26	176	149756	21.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	21337	16.09	ng/ul	0.00
71) Anthracene-d10	17.12	188	214180	21.43	ng/ul	0.00
79) Pyrene-d10	19.43	212	193597	24.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	154559	21.60	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.43	128	11447	1.27	ng/ul	98
45) Dimethylphthalate	13.72	163	63844	7.40	ng/ul	100
50) Acenaphthene	14.32	153	16893	2.32	ng/ul	99
54) Dibenzofuran	14.66	168	15668	1.54	ng/ul	98
57) Diethylphthalate	15.09	149	40295	4.60	ng/ul	98
59) Fluorene	15.32	166	26245	3.14	ng/ul	99
70) Phenanthrene	17.06	178	291301	23.80	ng/ul	98
72) Anthracene	17.15	178	67894	5.46	ng/ul	98
75) Carbazole	17.43	167	15707	1.49	ng/ul	93
77) Fluoranthene	19.09	202	309445	23.47	ng/ul	99
80) Pyrene	19.46	202	282599	26.92	ng/ul	97
83) Benzo(a)anthracene	21.22	228	102478	10.97	ng/ul#	92
85) Chrysene	21.27	228	84221	9.41	ng/ul#	92
88) Benzo(b)fluoranthene	22.79	252	111944	12.49	ng/ul#	95
89) Benzo(k)fluoranthene	22.79	252	111944	12.60	ng/ul#	94
91) Benzo(a)pyrene	23.35	252	86614	10.23	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	25.67	276	49284	5.84	ng/ul	95
93) Dibenzo(a,h)anthracene	25.67	278	13491	1.93	ng/ul#	69
94) Benzo(g,h,i)perylene	26.36	276	56612	7.97	ng/ul	97

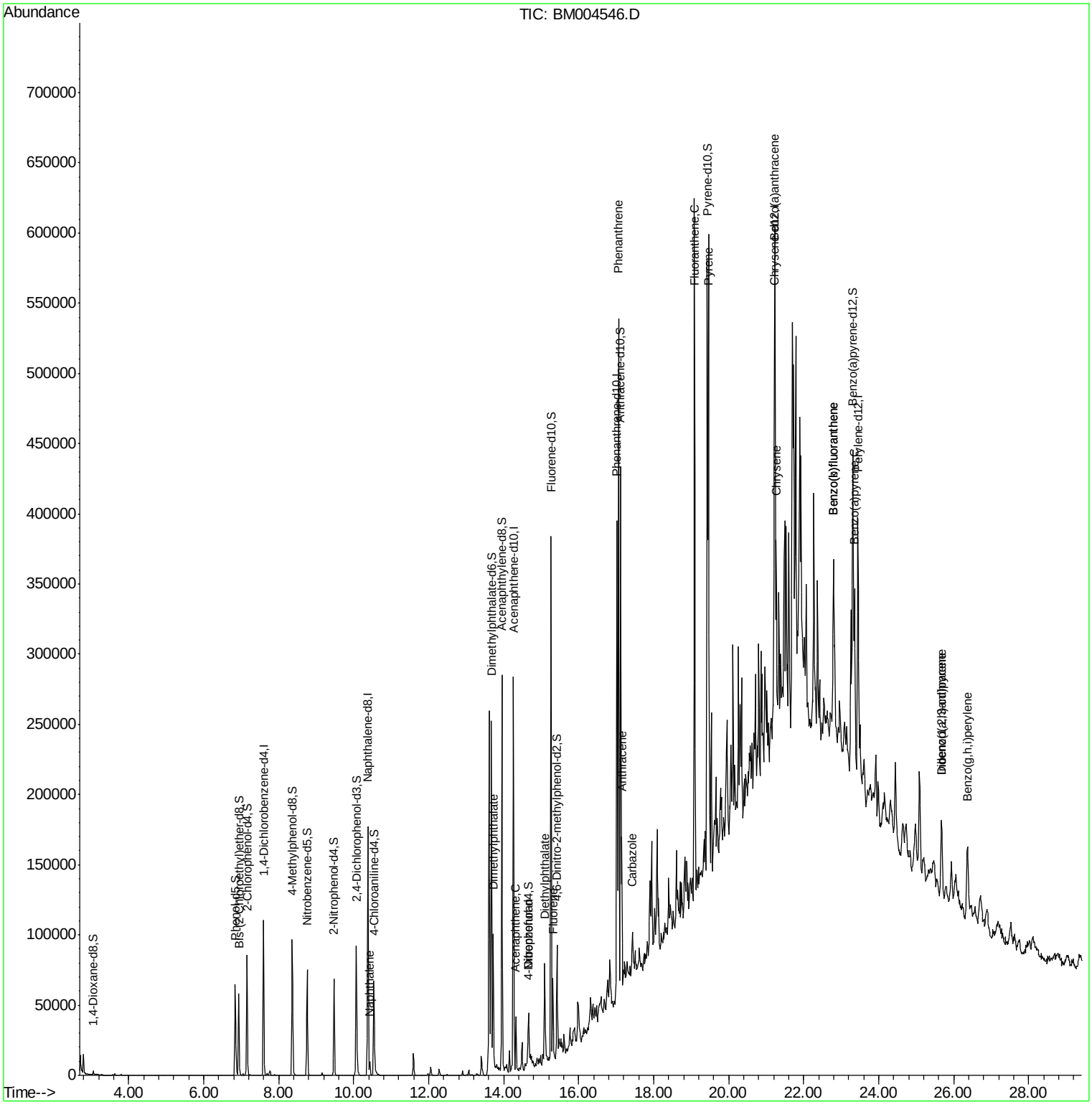
(#) = qualifier out of range (m) = manual integration (+) = signals summed

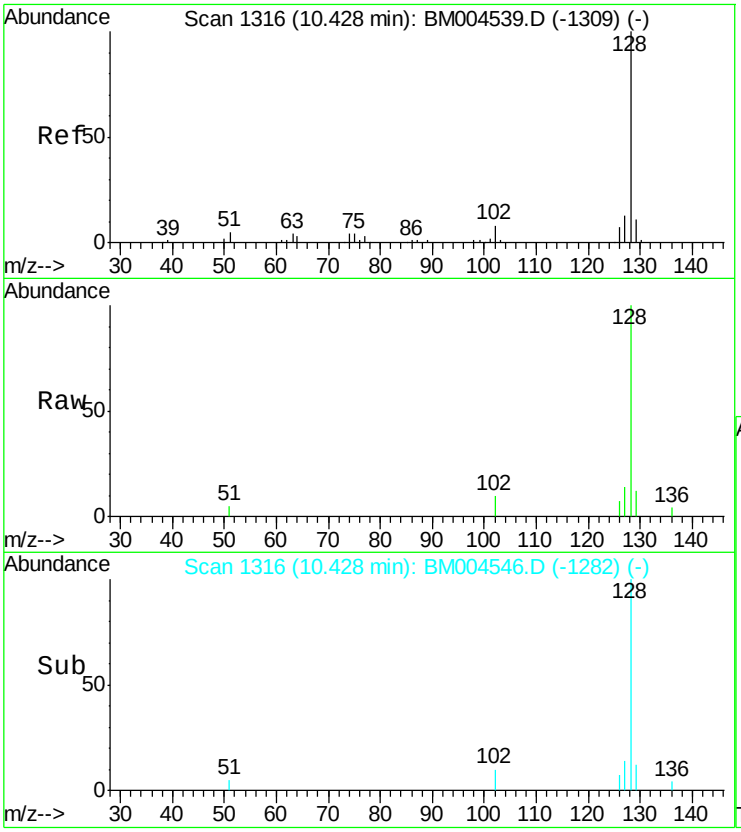
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004546.D
Acq On : 03 Mar 2016 23:49
Operator : SJ/UM
Sample : H1616-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLDG06-P004-SS001-01

Quant Time: Mar 04 04:33:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 04:25:59 2016
Response via : Initial Calibration



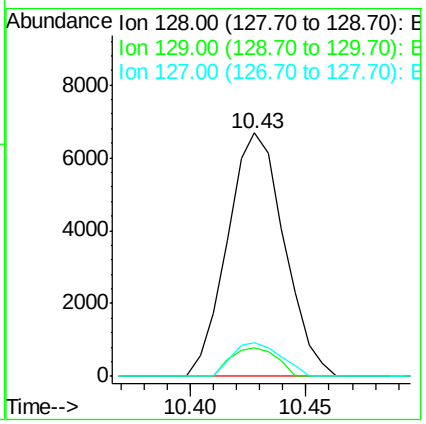


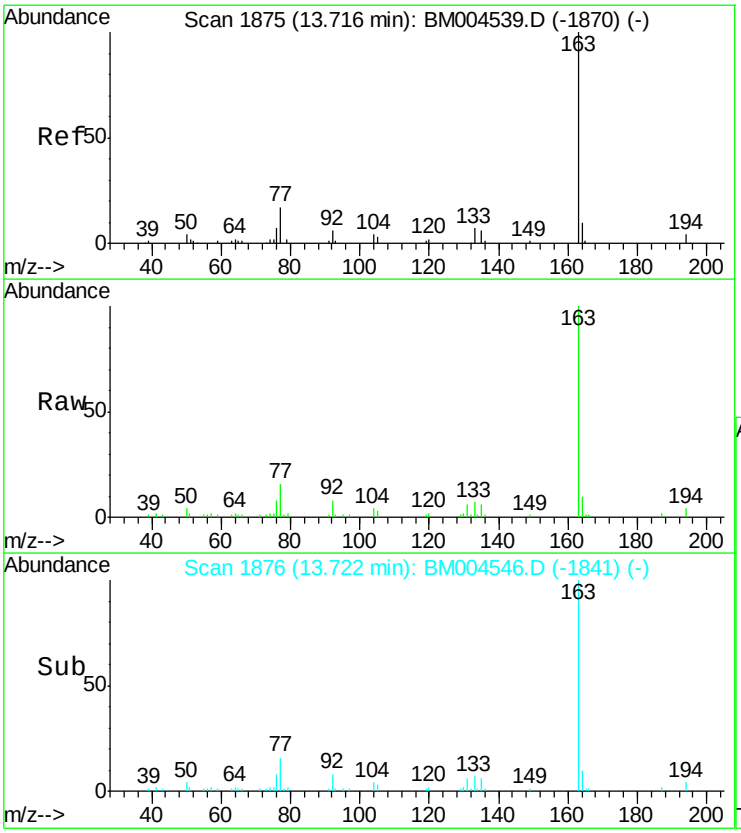
#28
Naphthalene
Concen: 1.27 ng/ul
RT: 10.43 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Instrument :
BNA_M
ClientSampleId :
BLDG06-P004-SS001-01

Tgt Ion:128 Resp: 11447

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	14.1	10.5	15.7

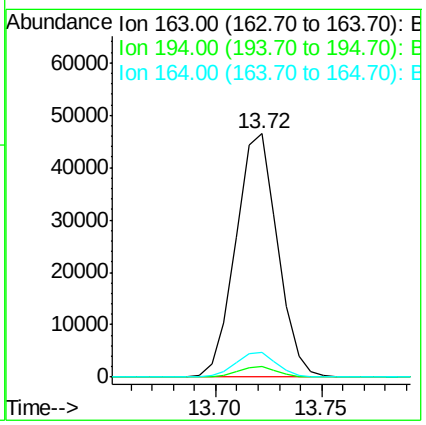


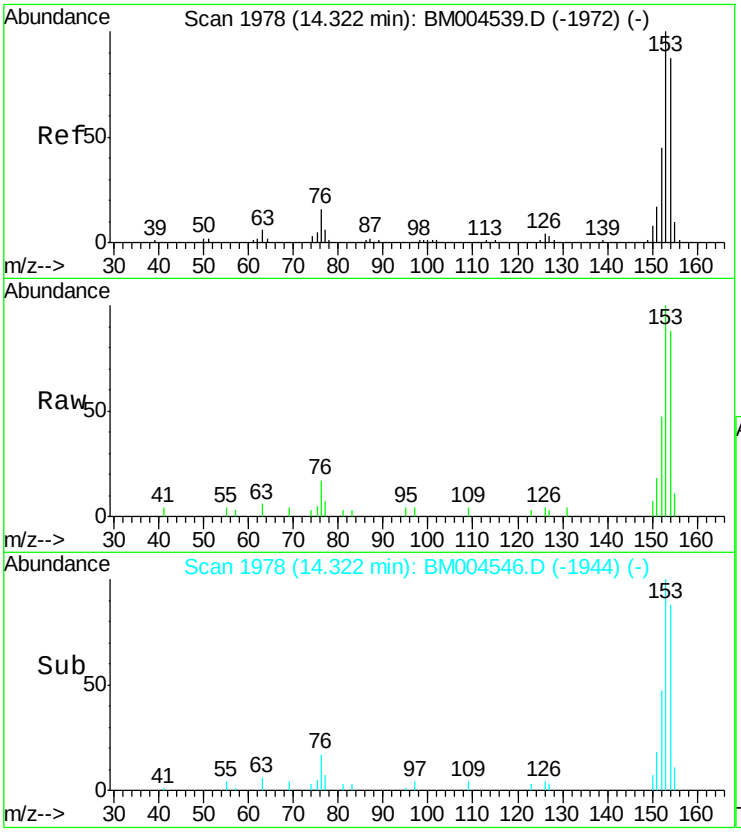


#45
Dimethylphthalate
Concen: 7.40 ng/ul
RT: 13.72 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Tgt Ion:163 Resp: 63844

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.9	7.8	11.8



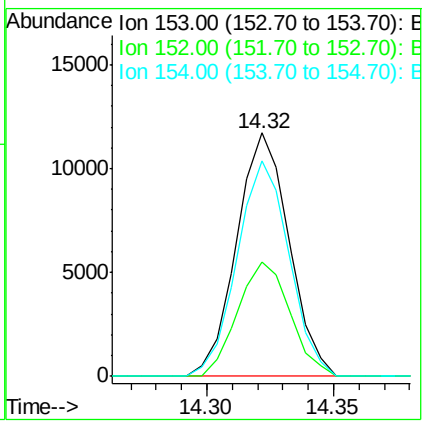


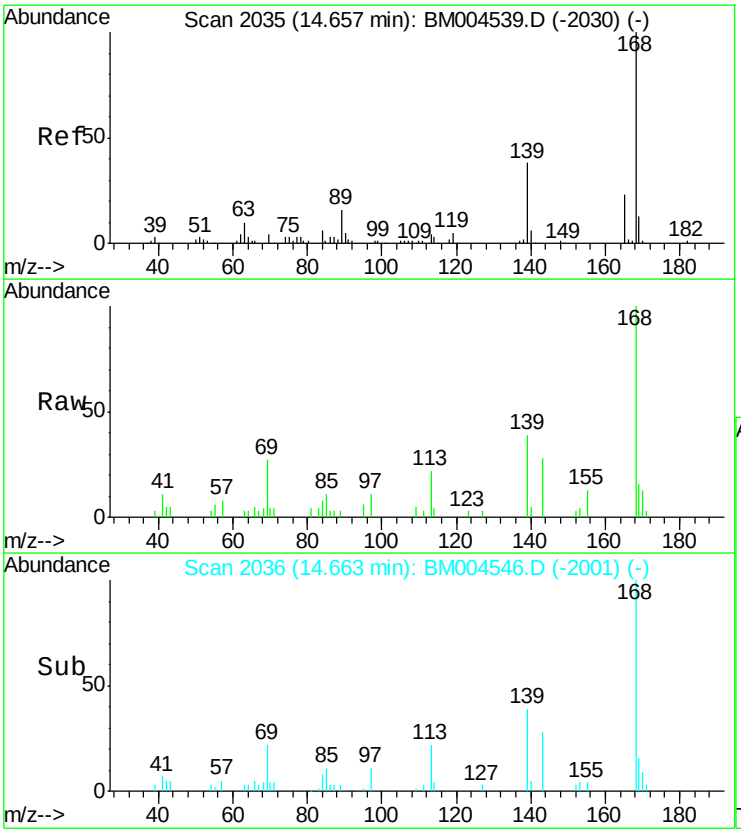
#50
Acenaphthene
Concen: 2.32 ng/ul
RT: 14.32 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Instrument :
BNA_M
ClientSampleId :
BLDG06-P004-SS001-01

Tgt Ion:153 Resp: 16893

Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.3	57.5
154	88.3	71.8	107.8

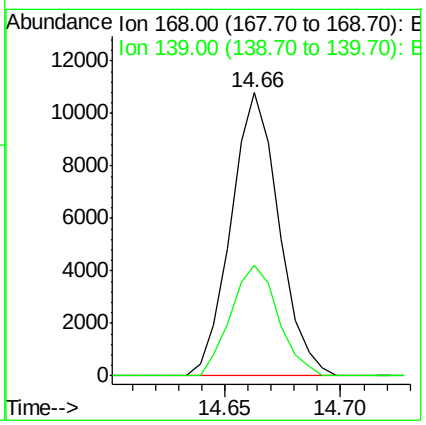


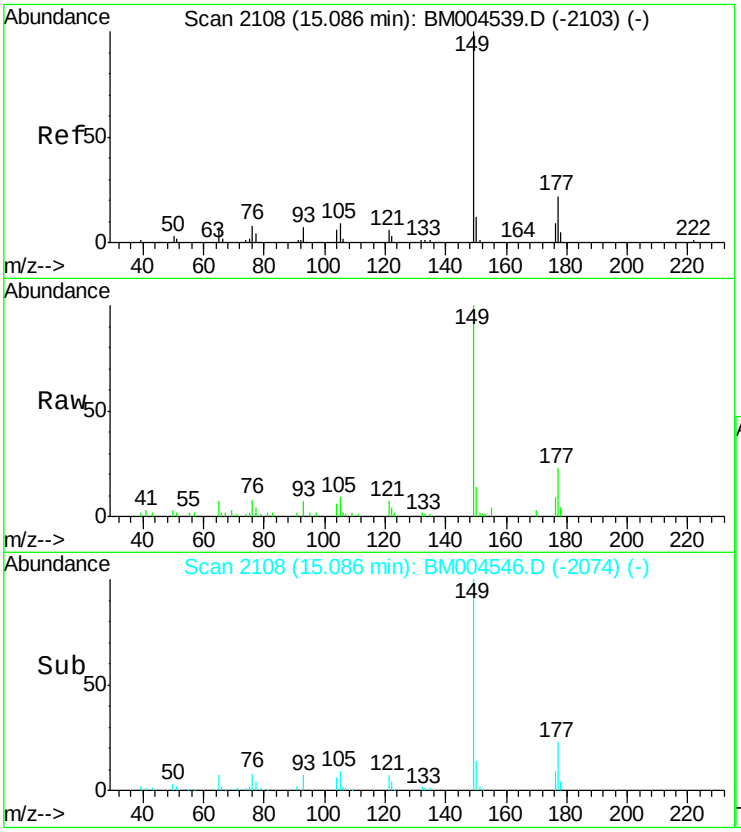


#54
Dibenzofuran
Concen: 1.54 ng/ul
RT: 14.66 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Tgt Ion:168 Resp: 15668

Ion	Ratio	Lower	Upper
168	100		
139	39.0	32.2	48.2



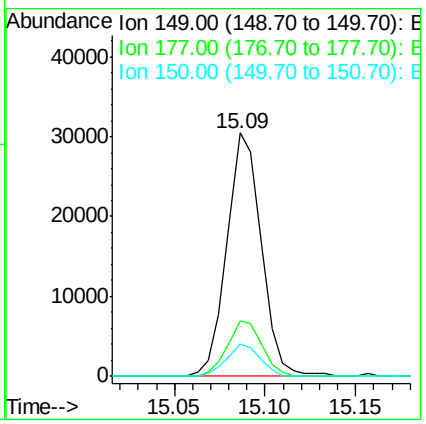


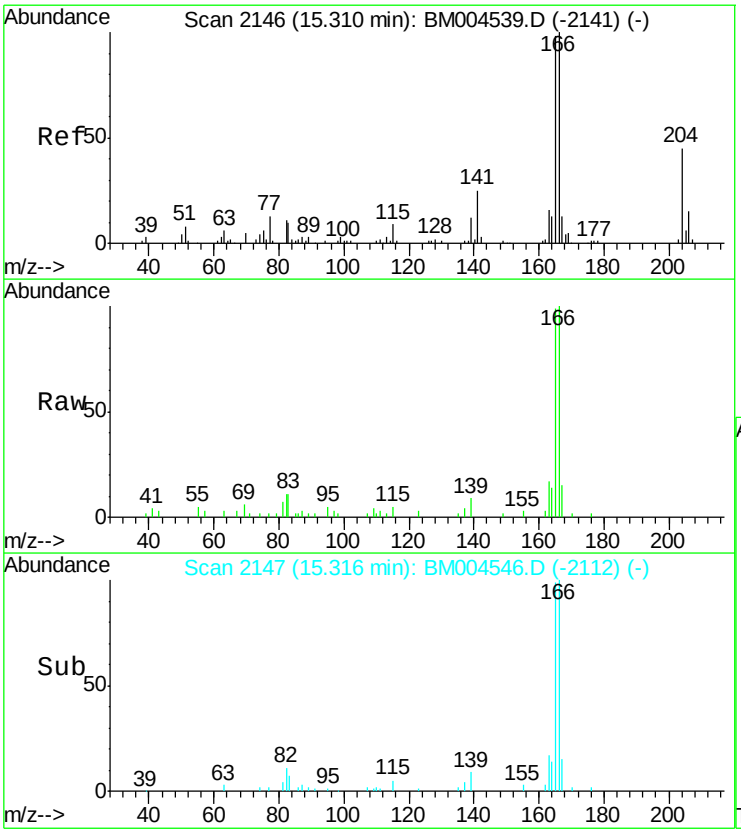
#57
Diethylphthalate
Concen: 4.60 ng/ul
RT: 15.09 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Instrument :
BNA_M
ClientSampleId :
BLDG06-P004-SS001-01

Tgt Ion:149 Resp: 40295

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.4	26.2
150	13.6	10.0	15.0

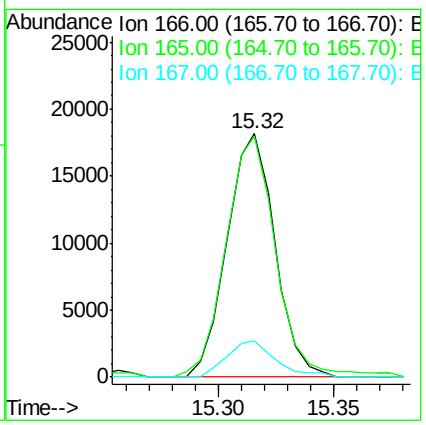


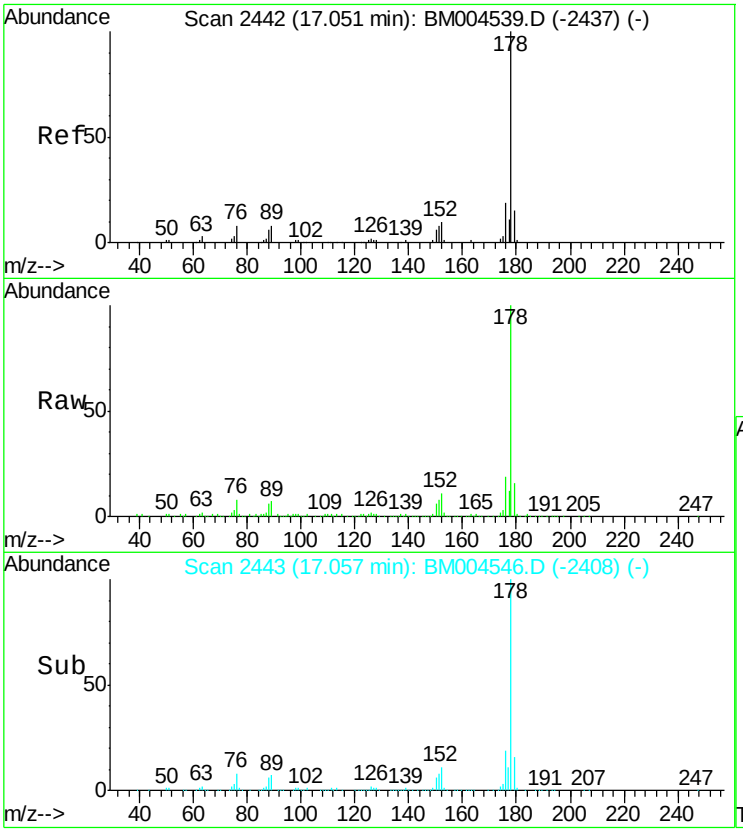


#59
Fluorene
Concen: 3.14 ng/ul
RT: 15.32 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Tgt Ion:166 Resp: 26245

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.5	117.7
167	14.6	10.7	16.1



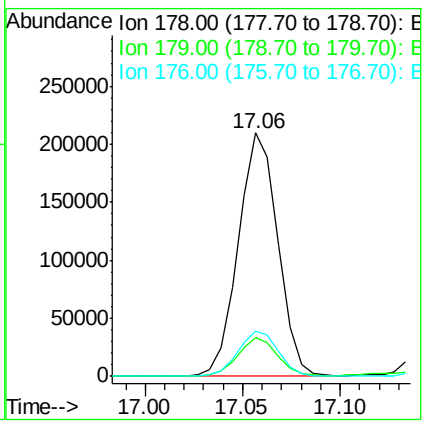


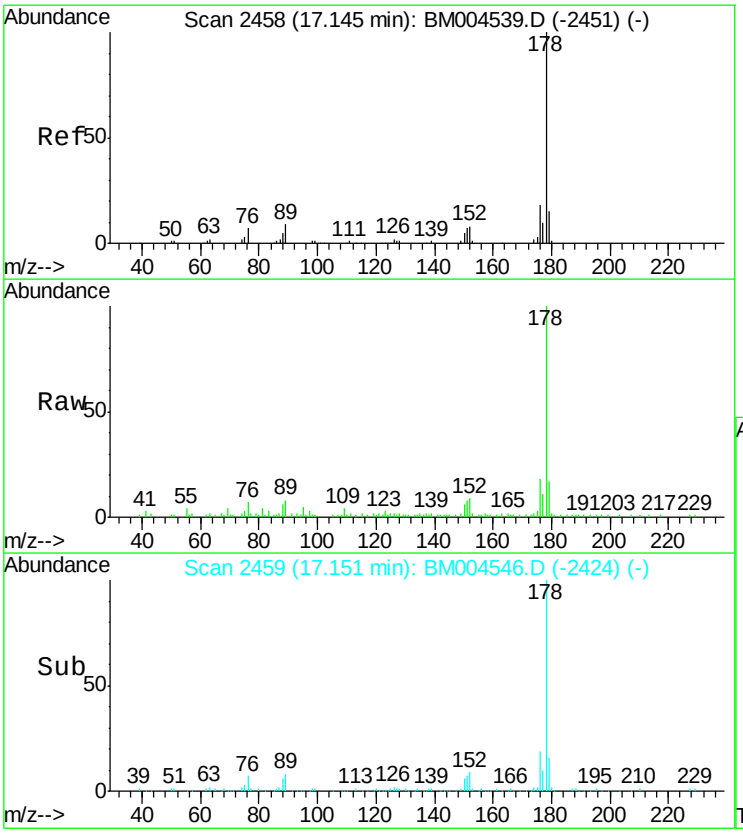
#70
Phenanthrene
Concen: 23.80 ng/ul
RT: 17.06 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Instrument :
BNA_M
ClientSampleId :
BLDG06-P004-SS001-01

Tgt Ion:178 Resp: 291301

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	18.8	15.6	23.4

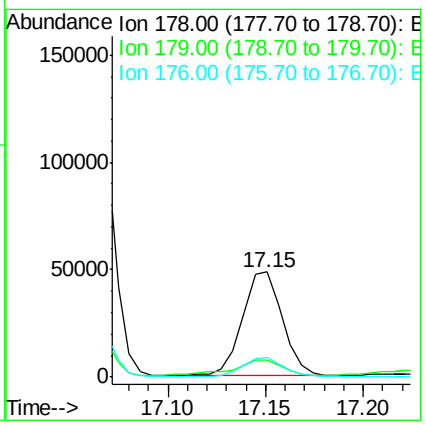


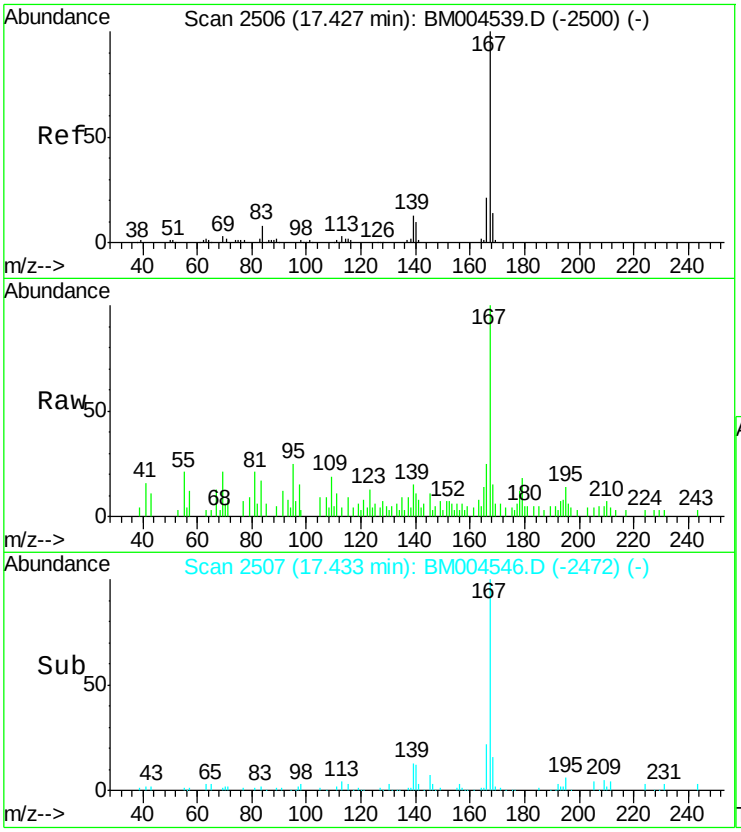


#72
Anthracene
Concen: 5.46 ng/ul
RT: 17.15 min Scan# 2459
Delta R.T. 0.01 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Tgt Ion:178 Resp: 67894

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.1	18.1
176	18.4	14.8	22.2



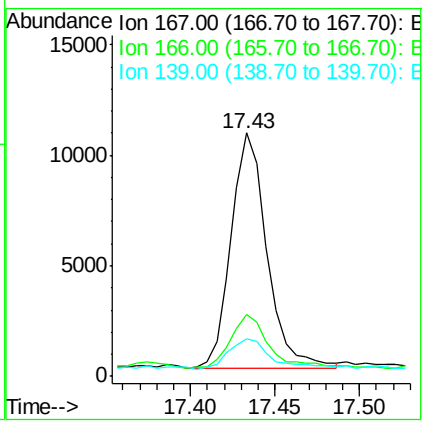


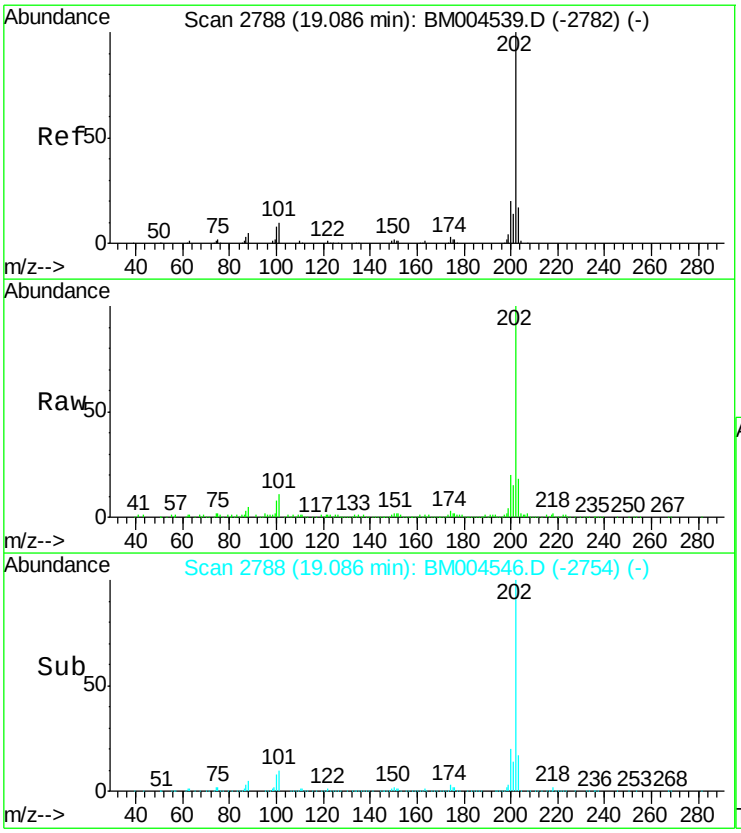
#75
Carbazole
Concen: 1.49 ng/ul
RT: 17.43 min Scan# 2507
Delta R.T. 0.01 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Instrument :
BNA_M
ClientSampleId :
BLDG06-P004-SS001-01

Tgt Ion:167 Resp: 15707

Ion	Ratio	Lower	Upper
167	100		
166	25.5	17.0	25.6
139	15.4	11.0	16.4

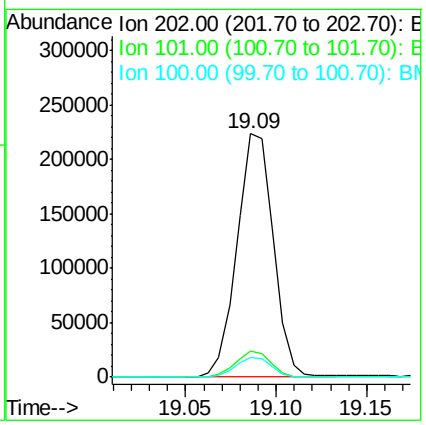


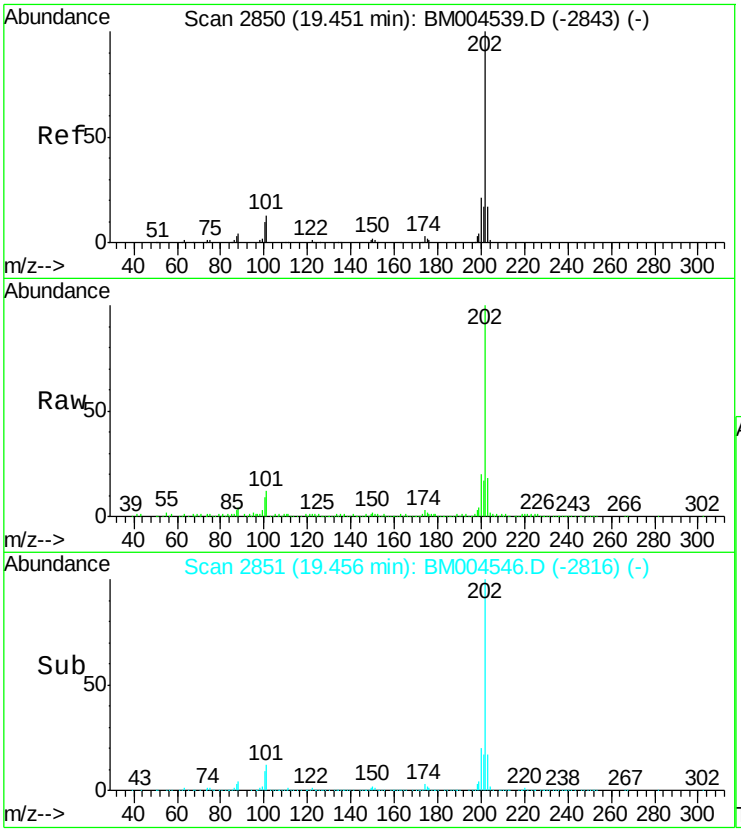


#77
Fluoranthene
Concen: 23.47 ng/ul
RT: 19.09 min Scan# 2788
Delta R.T. 0.00 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Tgt Ion:202 Resp: 309445

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.8	13.2
100	8.0	6.6	9.8



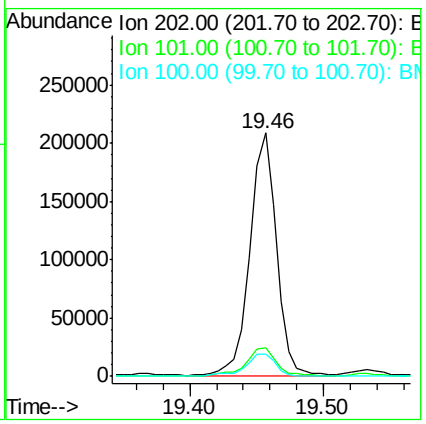


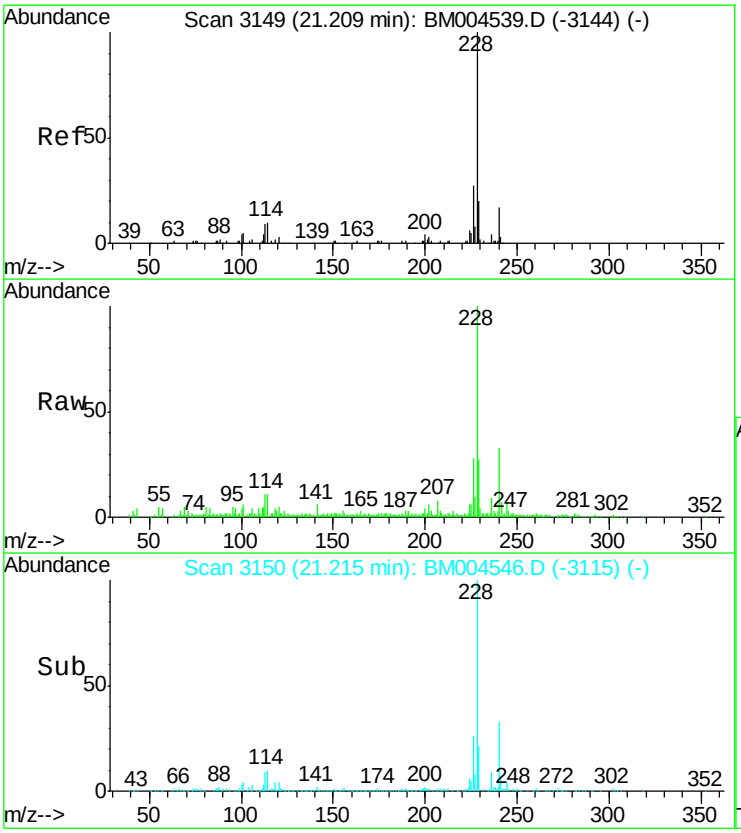
#80
Pyrene
Concen: 26.92 ng/ul
RT: 19.46 min Scan# 2851
Delta R.T. 0.01 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Instrument :
BNA_M
ClientSampleId :
BLDG06-P004-SS001-01

Tgt Ion:202 Resp: 282599

Ion	Ratio	Lower	Upper
202	100		
101	11.7	10.2	15.2
100	9.4	8.5	12.7

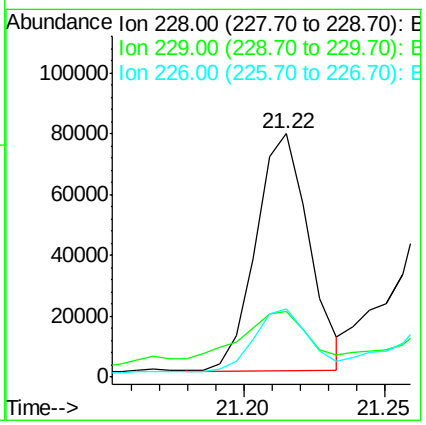


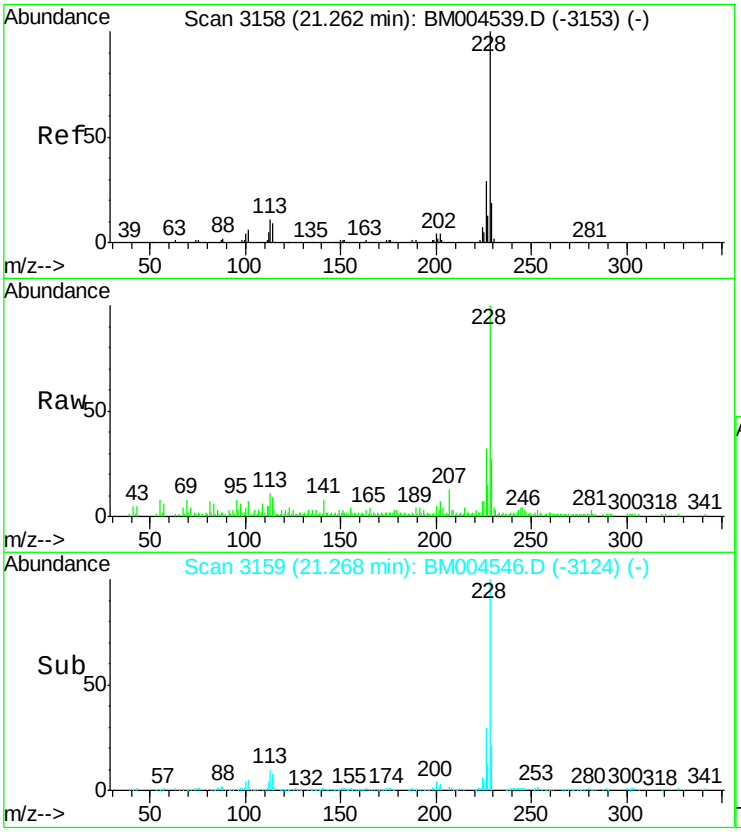


#83
Benzo(a)anthracene
Concen: 10.97 ng/ul
RT: 21.22 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Tgt Ion:228 Resp: 102478

Ion	Ratio	Lower	Upper
228	100		
229	26.8	15.7	23.5#
226	28.1	21.8	32.6



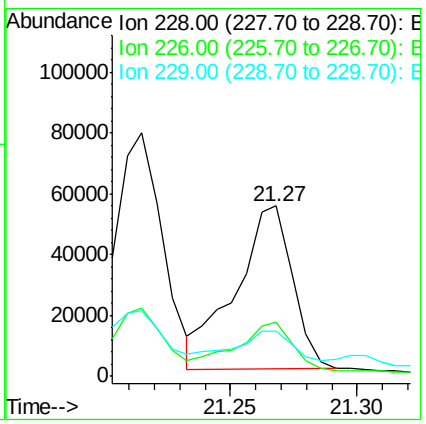


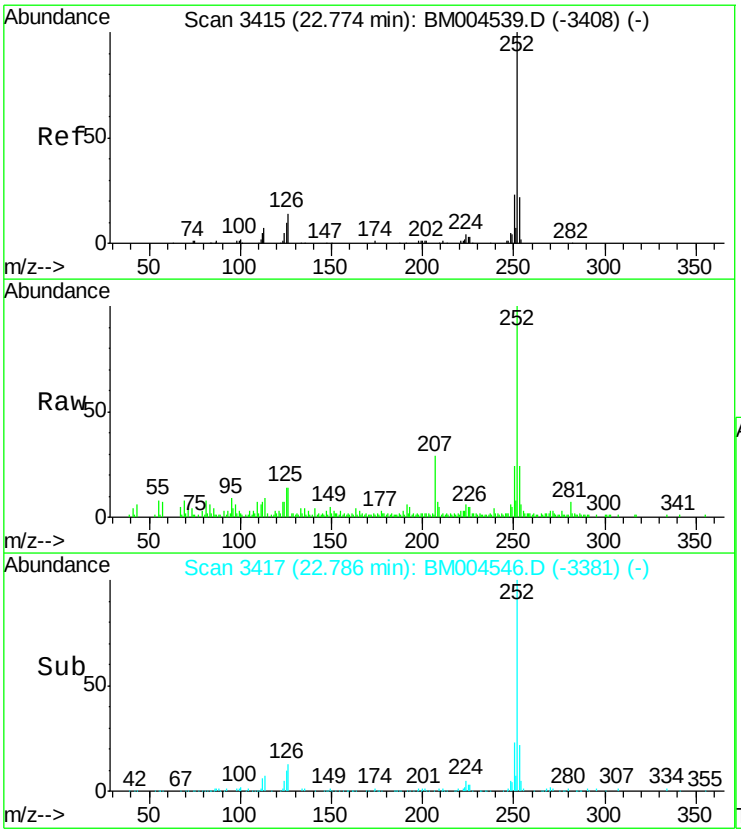
#85
Chrysene
Concen: 9.41 ng/ul
RT: 21.27 min Scan# 3159
Delta R.T. 0.01 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Instrument :
BNA_M
ClientSampleId :
BLDG06-P004-SS001-01

Tgt Ion:228 Resp: 84221

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.0	36.0
229	26.6	15.6	23.4#

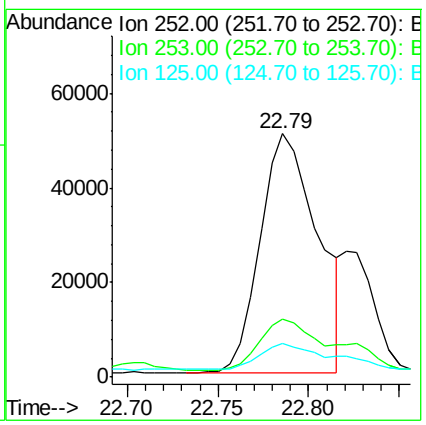


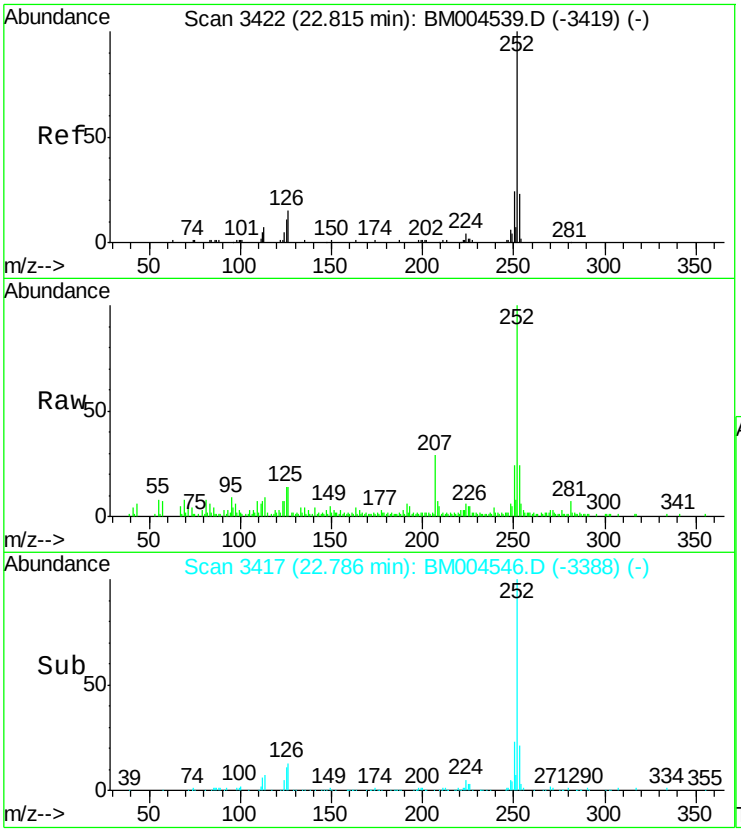


#88
Benzo(b)fluoranthene
Concen: 12.49 ng/ul
RT: 22.79 min Scan# 3417
Delta R.T. 0.01 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Tgt Ion:252 Resp: 111944

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	13.6	8.5	12.7#



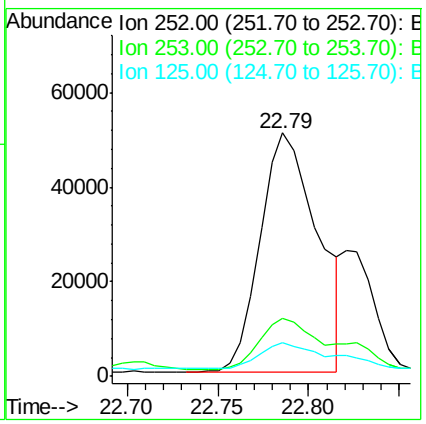


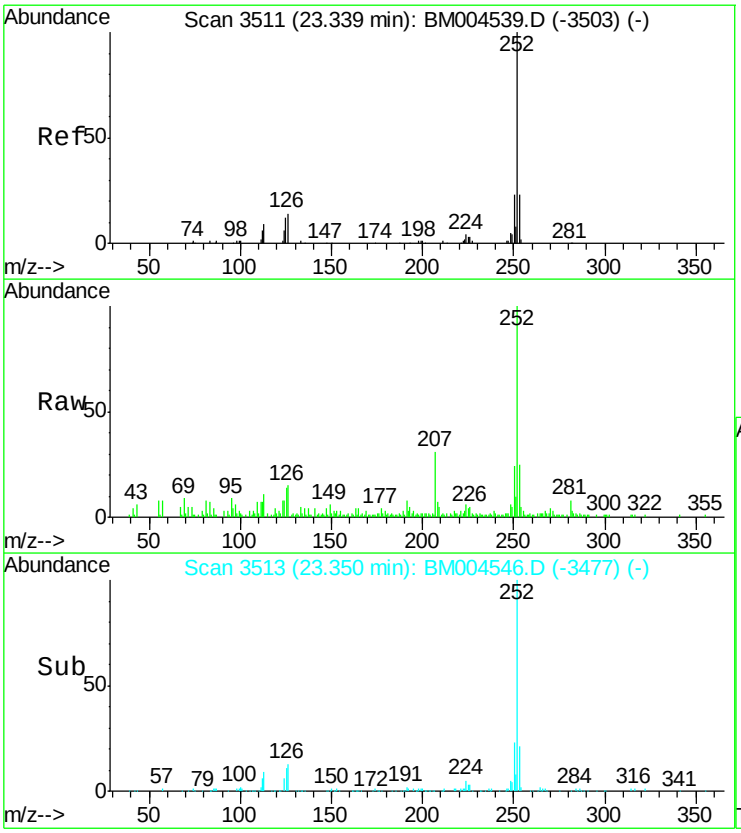
#89
Benzo(k)fluoranthene
Concen: 12.60 ng/ul
RT: 22.79 min Scan# 3417
Delta R.T. -0.03 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Instrument :
BNA_M
ClientSampleId :
BLDG06-P004-SS001-01

Tgt Ion:252 Resp: 111944

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	13.6	8.2	12.2#

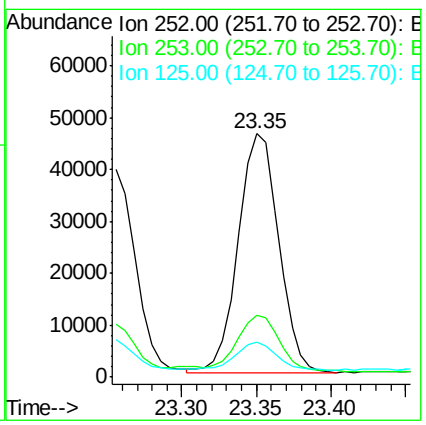


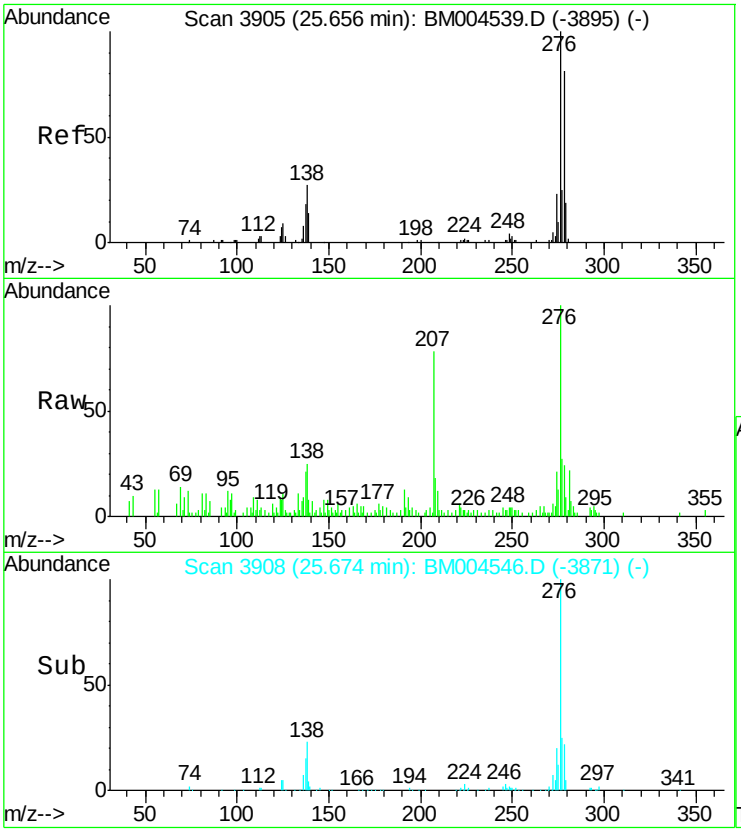


#91
Benzo(a)pyrene
Concen: 10.23 ng/ul
RT: 23.35 min Scan# 3513
Delta R.T. 0.01 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Tgt Ion:252 Resp: 86614

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.2	25.8
125	14.3	9.0	13.6#



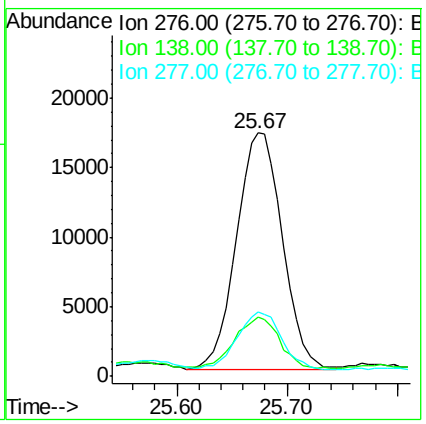


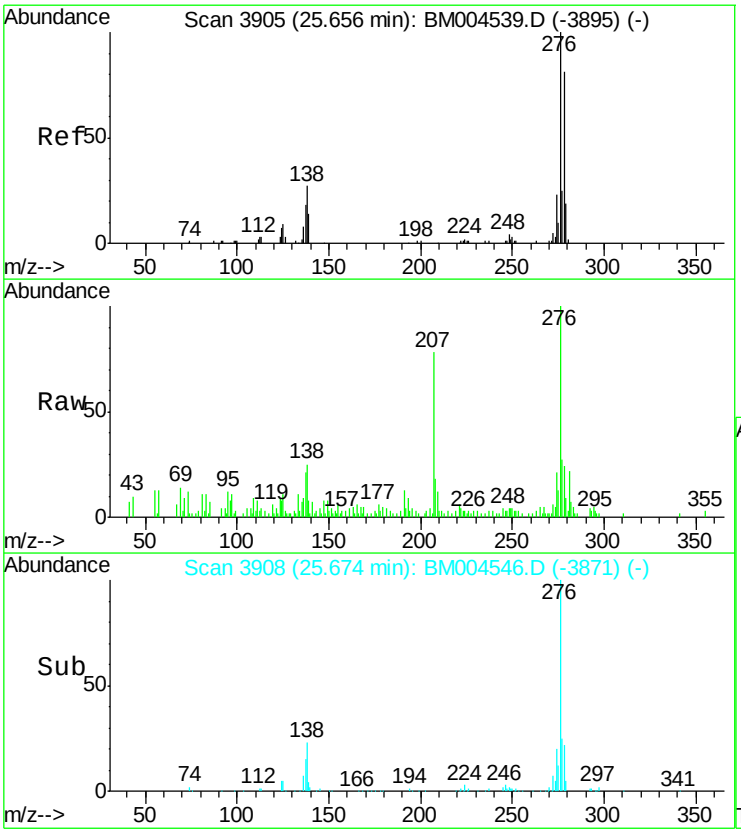
#92
Indeno(1,2,3-cd)pyrene
Concen: 5.84 ng/ul
RT: 25.67 min Scan# 3908
Delta R.T. 0.02 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Instrument :
BNA_M
ClientSampleId :
BLDG06-P004-SS001-01

Tgt Ion:276 Resp: 49284

Ion	Ratio	Lower	Upper
276	100		
138	24.6	22.3	33.5
277	26.6	20.2	30.2

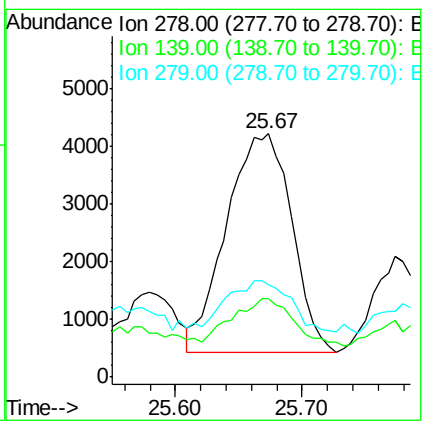


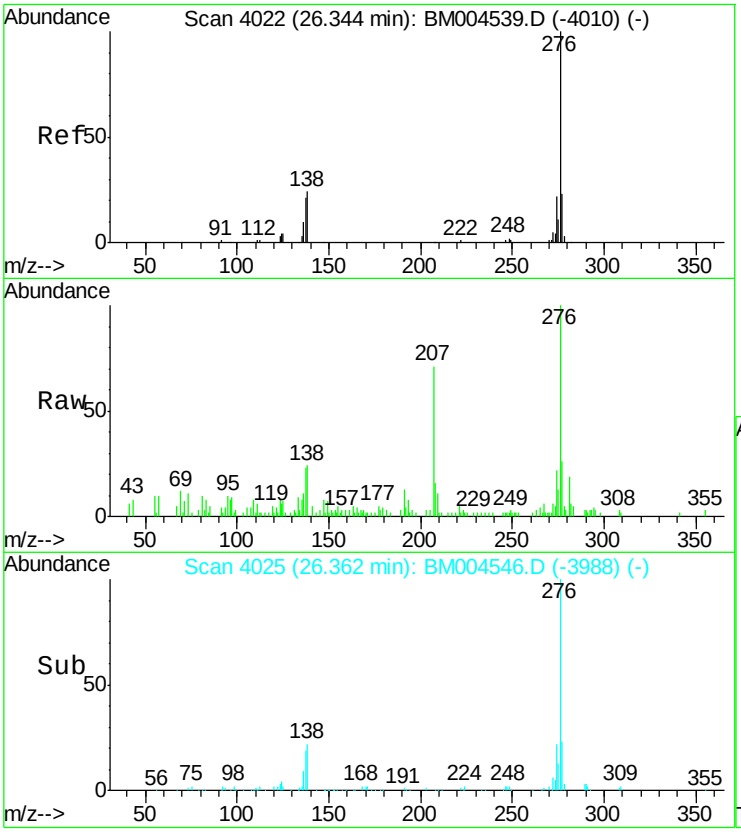


#93
Dibenzo(a,h)anthracene
Concen: 1.93 ng/ul
RT: 25.67 min Scan# 3908
Delta R.T. 0.02 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Tgt Ion:278 Resp: 13491

Ion	Ratio	Lower	Upper
278	100		
139	32.0	13.9	20.9#
279	38.1	19.0	28.4#





#94
Benzo(g,h,i)perylene
Concen: 7.97 ng/ul
RT: 26.36 min Scan# 4025
Delta R.T. 0.02 min
Lab File: BM004546.D
Acq: 03 Mar 2016 23:49

Instrument :
BNA_M
ClientSampleId :
BLDG06-P004-SS001-01

Tgt Ion:276 Resp: 56612

Ion	Ratio	Lower	Upper
276	100		
138	24.5	18.9	28.3
277	25.9	19.2	28.8